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Missouri Area Labor Trends

Data Month August 1988

A Monthly Review of Missouri Labor Market Information

Missouri Labor Market Review

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Recalls from temporary and vacation layoffs helped caused a decrease in unemployment and a small increase in employment in August. Missouri's unemployment rate fell three-tenths of a percentage point to 5.6 percent, as the number unemployed dropped by 8100 to 146,200. Total employment, at 2,461,800, was little changed from July, but nonfarm payroll employment grew by about 5900 jobs to 2,208,700.

Over the past 12 months, total civilian employment in Missouri has grown by 26,200. At the same time, the state's labor force has grown by only 17,200, so the estimated number of jobless Missourians fell by 9000. The unemployment rate has fallen by four-tenths of a point from August 1987's 6.0 percent rate.

The August increase in nonfarm payroll employment, for a change, came mostly from the manufacturing industries. Employment in these industries increased by 4700 in August, including gains of 3300 in motor vehicles and equipment and 1200 in textile and apparel which stemmed primarily from recalls from model changeover and vacation layoffs. In the nonmanufacturing sector, gains in construction (1800 jobs), services (1200 jobs), and retail trade (500 jobs) were partly offset by the seasonal decrease of 1800 jobs in state and local government.

Average hours and earnings of manufacturing production workers were little different in August than in July. The factor workweek was 40.2 hours, while earnings averaged $10.11 an hour or $406.42 a week. The workweek was up 0.1 hour from a year ago, and average weekly earnings increased by 2.4 percent.

Nonagricultural wage and salary employment growth over the past year -- 24,400 jobs -- has been consistent with total employment growth. Manufacturing employment is still 200 jobs below last August's level, largely because of the 5000-job decline in motor vehicles and equipment. Many other manufacturing industries, including chemicals, printing and publishing, machinery, and transportation equipment other than motor vehicles and equipment, have scored gains over the past year. The larger gains are still occurring in the nonmanufacturing industries, including retail trade (8100 jobs), state and local government (6900 jobs) and services (5900 jobs).

National Economic and Labor Market Conditions

National unemployment edged up in August, and employment growth slowed. The seasonally-adjusted civilian unemployment rate increased two-tenths of a percentage point to

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Table 1

MISSOURI DIVISION OF EMPLOYMENT SECURITY

CIVILIAN LABOR FORCE, EMPLOYMENT, UNEMPLOYMENT AND UNEMPLOYMENT RATES - ESTIMATES

COUNTY/LABOR MARKET AREA	CURRENT MONTH - AUG 1988 (PRELIMINARY)				PREVIOUS MONTH - JUL 1988 (REVISED)				ONE YEAR AGO - AUG 1987 (BENCHMARKED 1988)			
	CLF	EMP	UNEMP	RATE	CLF	EMP	UNEMP	RATE	CLF	EMP	UNEMP	RATE
U.S. (IN 000'S)	123396	116737	6659	5.4	123889	117066	6823	5.5	121615	114527	7088	5.8
STATEWIDE	2607983	2461785	146198	5.6	2615266	2460928	154338	5.9	2590769	2435582	155187	6.0
ST. LOUIS MSA	1290019	1206801	83218	6.5	1285936	1203538	82398	6.4	1287409	1202501	84908	6.6
KANSAS CITY MSA	835585	794364	41221	4.9	844385	795295	49090	5.8	841187	793800	47387	5.6
SPRINGFIELD MSA	122490	117326	5164	4.2	122768	117893	4875	4.0	110750	105248	5502	5.0
COLUMBIA MSA	65353	63401	1952	3.0	65006	63237	1769	2.7	64475	62712	1763	2.7
JOPLIN MSA	69902	65928	3974	5.7	70080	65746	4334	6.2	69321	65649	3672	5.3
ST. JOSEPH MSA	41829	39418	2411	5.8	41877	39611	2266	5.4	41355	38613	2742	6.6
ADAIR/SCHUYLER LMA	12004	11473	531	4.4	12516	11834	682	5.4	12444	11909	535	4.3
ANDREW	6616	6232	384	5.8	6711	6352	359	5.3	6986	6593	393	5.6
ATCHISON	3251	3130	121	3.7	3352	3234	118	3.5	3207	3116	91	2.8
AUDRAIN	10287	9806	481	4.7	10490	10032	458	4.4	10299	9639	660	6.4
BARRY	11911	11370	541	4.5	11919	11356	563	4.7	11638	11108	530	4.6
BARTON	5700	5498	202	3.5	5883	5645	238	4.0	5577	5397	180	3.2
BATES	6475	5818	657	10.1	6654	6065	589	8.9	6537	6024	513	7.8
BENTON	5269	4948	321	6.1	5383	5069	314	5.8	5456	5164	292	5.4
BOLLINGER	3267	2964	303	9.3	3414	2958	456	13.4	3186	2908	278	8.7
BUTLER	15914	14759	1155	7.3	15975	14808	1167	7.3	16016	14702	1314	8.2
CALDWELL	2939	2755	184	6.3	3096	2829	267	8.6	2989	2780	209	7.0
CALLAWAY	15155	14376	779	5.1	15074	14117	957	6.3	14964	14125	839	5.6
CAMDEN	17038	16354	684	4.0	17051	16422	629	3.7	16055	15443	612	3.8
CAPE GIRARDEAU	35672	34290	1382	3.9	36478	34732	1746	4.8	34736	33252	1484	4.3
CARROLL	4341	3896	445	10.3	4634	4208	426	9.2	4963	4380	583	11.7
CARTER	2093	1914	179	8.6	2094	1896	198	9.5	1989	1797	192	9.7
CEDAR	4379	4074	305	7.0	4516	4221	295	6.5	5075	4605	470	9.3
CHARITON	4079	3838	241	5.9	4215	3956	259	6.1	4296	4075	221	5.1
CLARK	3561	3318	243	6.8	3455	3276	179	5.2	3727	3453	274	7.4
CLINTON	6711	6287	424	6.3	6877	6347	530	7.7	6953	6452	501	7.2
COLE/OSAGE LMA	40080	38334	1746	4.4	39952	38262	1690	4.2	39810	37920	1890	4.7
COOPER	6459	6161	298	4.6	6458	6077	381	5.9	6499	6195	304	4.7
CRAWFORD	9256	8615	641	6.9	9307	8617	690	7.4	8661	8102	559	6.5
DADE	2718	2559	159	5.8	2904	2683	221	7.6	2745	2570	175	6.4
DALLAS	3664	3359	305	8.3	3840	3465	375	9.8	3704	3419	285	7.7
DAVIESS	3655	3512	143	3.9	3805	3597	208	5.5	3715	3543	172	4.6
DEKALB	3782	3598	184	4.9	3874	3660	214	5.5	3529	3285	244	6.9
DENT	7043	6557	486	6.9	6969	6599	370	5.3	6291	5797	494	7.9
DOUGLAS	5055	4597	458	9.1	5068	4721	347	6.8	4608	4255	353	7.7
DUNKLIN	12442	11415	1027	8.3	12511	11538	973	7.8	12902	11863	1039	8.1
GASCONADE	7542	7077	465	6.2	7522	6989	533	7.1	7153	6753	400	5.6
GENTRY	2603	2500	103	4.0	2669	2568	101	3.8	2770	2578	192	6.9
GRUNDY	5338	5019	319	6.0	5283	5062	221	4.2	4948	4758	190	3.8
HARRISON	4315	4108	207	4.8	4448	4259	189	4.2	4386	4187	199	4.5
HENRY	7950	7230	720	9.1	7880	7323	557	7.1	8108	7448	660	8.1
HICKORY	2807	2607	200	7.1	2759	2562	197	7.1	2497	2320	177	7.1
HOLT	2313	2184	129	5.6	2380	2260	120	5.0	2338	2227	111	4.7
HOWARD	4692	4406	286	6.1	4720	4466	254	5.4	4410	4113	297	6.7
HOWELL	13454	12604	850	6.3	13411	12483	928	6.9	12871	11953	918	7.1
IRON	2351	2006	345	14.7	2360	1989	371	15.7	2357	2012	345	14.6
JOHNSON	18288	17530	758	4.1	18171	17449	722	4.0	17916	17166	750	4.2
KNOX	1944	1841	103	5.3	2007	1908	99	4.9	1987	1920	67	3.4
LACLEDE	13671	12856	815	6.0	13849	13006	843	6.1	12997	12285	712	5.5
LAWRENCE	13144	12525	619	4.7	13090	12407	683	5.2	14009	13229	780	5.6
LEWIS	4762	4529	233	4.9	4801	4548	253	5.3	4861	4573	288	5.9

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	CLF	EMP	UNEMP	RATE	CLF	EMP	UNEMP	RATE	CLF	EMP	UNEMP	RATE
LINCOLN	12217	11412	805	6.6	12415	11503	912	7.3	11608	10853	755	6.5
LINN	6695	6290	405	6.0	6763	6428	335	5.0	6565	6177	388	5.9
LIVINGSTON	6466	6185	281	4.3	6605	6318	287	4.3	6566	6281	285	4.3
MACON	7802	7466	336	4.3	7826	7328	498	6.4	8255	7749	506	6.1
MADISON	4673	4382	291	6.2	4702	4335	367	7.8	4445	4129	316	7.1
MARIES	3134	2874	260	8.3	3095	2874	221	7.1	3480	3216	264	7.6
MARION/RALLS LMA	18035	17256	779	4.3	18269	17430	839	4.6	18135	17037	1098	6.1
MCDONALD	8132	7672	460	5.7	8078	7601	477	5.9	7734	7266	468	6.1
MERCER	1394	1344	50	3.6	1503	1444	59	3.9	1532	1460	72	4.7
MILLER	8948	8286	662	7.4	8635	8092	543	6.3	9095	8421	674	7.4
MISSISSIPPI	6064	5545	519	8.6	6246	5718	528	8.5	6307	5765	542	8.6
MONITEAU	6092	5825	267	4.4	5982	5676	306	5.1	6187	5883	304	4.9
MONROE	4697	4445	252	5.4	4769	4542	227	4.8	4921	4667	254	5.2
MONTGOMERY	5117	4838	279	5.5	4997	4690	307	6.1	5201	4867	334	6.4
MORGAN	7540	7178	362	4.8	7638	7247	391	5.1	7813	7367	446	5.7
NEW MADRID	9369	8676	693	7.4	9239	8500	739	8.0	9188	8469	719	7.8
NODAWAY	10260	9950	310	3.0	10208	9963	245	2.4	10049	9805	244	2.4
OREGON	3770	3493	277	7.3	3701	3381	320	8.6	3850	3473	377	9.8
OZARK	3459	3219	240	6.9	3470	3216	254	7.3	3393	3206	187	5.5
PEMISCOT	8777	8048	729	8.3	8351	7647	704	8.4	8549	7841	708	8.3
PERRY	8431	7912	519	6.2	8386	7693	693	8.3	8293	7983	310	3.7
PETTIS	17619	16726	893	5.1	17514	16518	996	5.7	17642	16536	1106	6.3
PHELPS	16791	15983	808	4.8	16491	15731	760	4.6	16382	15536	846	5.2
PIKE	7133	6652	481	6.7	7273	6839	434	6.0	7188	6562	626	8.7
POLK	9474	9036	438	4.6	9398	8886	512	5.4	9310	8814	496	5.3
PULASKI	12799	12022	777	6.1	12436	11746	690	5.5	12216	11559	657	5.4
PUTNAM	2002	1914	88	4.4	2040	1954	86	4.2	2148	2045	103	4.8
RANDOLPH	11286	10669	617	5.5	11456	10801	655	5.7	11708	10874	834	7.1
REYNOLDS	1702	1497	205	12.0	1726	1497	229	13.3	1862	1610	252	13.5
RIPLEY	4060	3703	357	8.8	4035	3691	344	8.5	3803	3460	343	9.0
SALINE	11476	10980	496	4.3	11592	10984	608	5.2	11572	11028	544	4.7
SCOTLAND	2327	2163	164	7.0	2267	2153	114	5.0	2332	2221	111	4.8
SCOTT	17841	16606	1235	6.9	17953	16589	1364	7.6	17678	16479	1199	6.8
SHANNON	2592	2346	246	9.5	2648	2411	237	9.0	2814	2565	249	8.8
SHELBY	3784	3693	91	2.4	3881	3788	93	2.4	3644	3548	96	2.6
ST. CLAIR	3397	3130	267	7.9	3364	3153	211	6.3	3541	3287	254	7.2
ST. FRANCOIS	21892	20172	1720	7.9	21503	19465	2038	9.5	20319	18698	1621	8.0
STE. GENEVIEVE	7007	6502	505	7.2	6960	6520	440	6.3	7041	6549	492	7.0
STODDARD	12206	11303	903	7.4	12292	11292	1000	8.1	12108	11122	986	8.1
STONE	10057	9552	505	5.0	10310	9803	507	4.9	9609	8993	616	6.4
SULLIVAN	3350	3219	131	3.9	3462	3331	131	3.8	3307	3196	111	3.4
TANEY	18921	18263	658	3.5	19305	18647	658	3.4	18532	17933	599	3.2
TEXAS	9323	8627	696	7.5	9226	8578	648	7.0	9161	8544	617	6.7
VERNON	9225	8813	412	4.5	9326	8966	360	3.9	9378	8968	410	4.4
WARREN	10586	9969	617	5.8	10582	9929	653	6.2	10287	9656	631	6.1
WASHINGTON	5879	4793	1086	18.5	5971	4860	1111	18.6	5994	4896	1098	18.3
WAYNE	4711	4304	407	8.6	4486	4100	386	8.6	4461	4079	382	8.6
WEBSTER	9648	8936	712	7.4	9569	8815	754	7.9	9478	8747	731	7.7
WORTH	1133	1080	53	4.7	1186	1124	62	5.2	1119	1062	57	5.1
WRIGHT	7127	6586	541	7.6	7229	6720	509	7.0	6750	6277	473	7.0

Prepared in cooperation with the U.S. Department of Labor, Bureau of Labor Statistics.

Table 2. Nonagricultural Wage & Salary Employment, Hours and Earnings
Missouri (Statewide)
August, 1988

Industry Title	All Employees (In Thousands)			Production Workers: Average Weekly Earnings			Production Workers: Average Weekly Hours			Production Workers: Average Hourly Earnings		
	Curr. Mo.	Prev. Mo.	1 Yr. Ago	Curr. Mo.	Prev. Mo.	1 Yr. Ago	Curr. Mo.	Prev. Mo.	1 Yr. Ago	Curr. Mo.	Prev. Mo.	1 Yr. Ago
Total Non-Agri. Employment	2208.7	2202.8	2184.3									
Total Manufacturing	423.5	418.8	423.7	406.42	406.02	396.99	40.2	40.2	40.1	10.11	10.10	9.90
Durable Goods	238.5	234.9	240.4	442.59	442.27	434.56	40.7	40.8	40.5	10.85	10.84	10.73
Lumber & Wood Products	11.0	10.9	10.8	260.56	268.77	253.84	39.3	39.7	39.6	6.63	6.77	6.41
Furniture & Fixtures	11.1	11.2	11.4	324.41	286.94	355.43	40.2	36.6	46.1	8.07	7.84	7.71
Stone, Clay & Glass Prod.	11.3	11.4	11.3	494.49	484.22	489.19	43.3	42.7	43.6	11.42	11.34	11.22
Cement, Hydraulic	0.9	1.0	1.0	745.49	503.37	592.59	50.1	38.9	40.7	14.88	12.94	14.56
Structural Clay Prod.	2.0	2.0	1.8	444.67	462.56	495.92	38.4	39.3	41.5	11.58	11.77	11.95
Primary Metal Industries	12.5	12.1	12.5	445.11	457.83	458.08	41.1	41.7	40.9	10.83	10.96	11.20
Iron & Steel Foundries	1.8	1.7	1.4	438.60	438.10	468.85	42.5	42.7	43.9	10.32	10.26	10.68
Nonferrous Foundries	3.6	3.6	3.2	345.93	342.78	338.66	43.9	43.5	41.1	7.88	7.88	8.24
Fabricated Metal Products	27.9	28.1	28.1	421.48	429.27	428.64	41.0	41.0	41.9	10.28	10.47	10.23
Structural Metal Prod.	11.1	11.2	10.9	422.26	433.07	396.15	43.0	42.5	40.3	9.82	10.19	9.83
Machinery Exc. Electrical	31.0	31.2	30.2	425.52	431.71	433.39	41.8	42.2	42.2	10.18	10.23	10.27
Electrical & Electronic Equipment	46.9	46.5	47.1	468.94	408.53	380.95	41.1	41.1	40.1	9.95	9.94	9.58
Transportation Equipment	67.9	64.6	70.4	576.24	599.01	558.41	39.2	41.0	38.3	14.78	14.61	14.58
Motor Vehicles & Equip.	26.6	23.3	31.6	556.11	607.90	542.45	37.0	40.5	35.9	15.03	15.01	15.11
Instruments & Related Prod.	11.6	11.7	11.3	348.99	307.17	310.08	42.2	38.3	39.3	8.27	8.02	7.89
Misc. Mfg. Inds.	7.3	7.2	7.3	289.12	271.52	260.16	40.1	38.9	38.6	7.21	6.98	6.74
Nondurable Goods	185.0	183.9	183.3	362.34	361.03	348.08	39.6	39.5	39.6	9.15	9.14	8.79
Food & Kindred Products	45.1	44.7	46.0	436.38	426.46	421.67	41.6	40.5	41.3	10.49	10.53	10.21
Meat Products & Preserved Fruits & Vegetables	13.5	13.2	13.2	310.37	286.10	307.85	41.0	38.3	40.4	7.57	7.47	7.62
Dairy Products	5.5	5.5	6.0	437.14	430.49	444.70	39.1	39.1	41.6	11.18	11.01	10.69
Grain Mill Products	8.0	7.9	7.5	501.80	486.27	431.76	47.7	46.4	42.0	10.52	10.48	10.28
Bakery Products	4.4	4.4	5.2	376.88	386.40	417.10	34.2	35.0	40.3	11.02	11.04	10.35
Beverages	9.4	9.5	9.8	744.48	745.05	713.50	40.7	41.3	43.8	18.29	18.04	16.29

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Industry Title	All Employees (In Thousands)			Production Workers: Average Weekly Earnings			Production Workers: Average Weekly Hours			Production Workers: Average Hourly Earnings		
	Curr. Mo.	Prev. Mo.	1 Yr. Ago	Curr. Mo.	Prev. Mo.	1 Yr. Ago	Curr. Mo.	Prev. Mo.	1 Yr. Ago	Curr. Mo.	Prev. Mo.	1 Yr. Ago
Other Food & Kindred Prods.	4.3	4.2	4.3	395.18	414.73	378.25	39.4	40.9	39.9	10.03	10.14	9.48
Textile & Apparel	24.5	23.3	24.5	212.53	216.94	211.68	35.9	36.4	37.4	5.92	5.96	5.66
Paper & Allied Products	13.5	13.5	13.3	415.81	417.61	399.92	43.0	42.7	41.4	9.67	9.78	9.66
Paperboard Cont. & Boxes	6.6	6.5	6.5	423.81	433.80	397.63	44.8	45.0	41.9	9.46	9.64	9.49
Printing & Publishing	41.8	42.0	40.9	397.32	391.68	378.48	38.5	38.4	38.0	10.32	10.20	9.96
Commercial Printing	14.1	14.0	13.8	472.80	467.57	443.30	40.9	40.8	40.3	11.56	11.46	11.00
Chemicals & Allied	29.2	29.6	28.1	481.28	472.58	468.23	41.1	40.6	41.4	11.71	11.64	11.31
Leather & Leather Products	16.3	16.2	16.9	208.80	215.13	203.48	36.0	36.9	37.2	5.80	5.83	5.47
Footwear Exc. Rubber	12.7	12.6	13.4	194.39	202.39	190.84	35.8	37.0	36.7	5.43	5.47	5.20
Total Nonmanufacturing	1785.2	1784.0	1760.6									
Mining	5.7	5.6	5.7									
Construction	106.9	105.1	105.6									
Transportation & Public Util.	143.7	143.5	142.9									
Railroad Transportation	9.7	9.7	10.0									
Transportation (Exc. R.R.)	77.8	77.2	77.0									
Communications	56.2	56.6	55.9									
Wholesale & Retail Trade	557.3	556.9	546.1									
Wholesale Trade	140.9	141.0	137.8									
Retail Trade	416.4	415.9	408.3									
Finance, Insurance & Real Estate	137.1	137.6	136.7									
Services	518.7	517.5	512.8									
Government	315.8	317.8	310.8									
Federal Government	70.1	70.3	72.0									
State & Local Government	245.7	247.5	238.8									

Prepared in cooperation with the U.S. Department of Labor, Bureau of Labor Statistics.

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5.6 percent. Despite this increase, the rate is little different from the rate which has prevailed rate for most of this year. It is two-tenths of a point below the January rate and four-tenths below the year-ago rate. Total civilian unemployment was little changed from July, while nonfarm payroll employment increased by 220,000 a smaller increase than has occurred in most months of this year.

The nation's output of goods and services grew slightly more slowly in the second quarter than originally estimated, according to revised data. Inflation-adjusted gross national product grew at a 3 percent annual rate in the quarter; the preliminary estimate was 3.3 percent. Both this rate and the first quarter's 3.4 percent rate were down somewhat from the rapid rates of last year. At the same time, estimates of inflation were revised upward.

Outlook

The government's index of leading economic indicators increase 0.4 percent in August, following a 0.6 percent drop in July. The index had increased sharply in June after a small decrease in May. Most analysts expect growth to continue for the rest of this year, but some think there could be a slowing next year.

Missouri unemployment usually experiences a substantial seasonal decrease in September as summer jobseekers leave the labor force. Only the April decrease usually rivals that of September. Payroll employment normally increases, reflecting seasonal gains in the schools and colleges component of state and local government. Total civilian employment may remain about the same.

Table 3. Selected Economic Statistics Related
To Manpower Developments
Missouri — August, 1988

Item	Current Mo. (Preliminary)	1 Mo. Ago (Revised)	1Yr. Ago (Revised)	Net Change To Current Month From	
				1 Mo. Ago	1 Yr. Ago
Total Civilian Labor Force (No. of Workers)	2,607,983	2,615,266	2,590,769	-7,283	17,214
Total Employment	2,461,785	2,460,928	2,435,582	857	26,203
Total Unemployment	146,198	154,338	155,187	-8,140	-8,989
Unemployment Rate (% of CLF)	5.6	5.9	6.0	-0.3	-0.4
Nonagricultural Wage & Salary Employment					
Except Domestics (No. of Jobs)	2,208,700	2,202,800	2,184,300	5,900	24,400
Manufacturing	423,500	418,800	423,700	4,700	-200
Durable Goods	238,500	234,900	240,400	3,600	-1,900
Nondurable Goods	185,000	183,900	183,300	1,100	1,700
Nonmanufacturing	1,785,200	1,784,000	1,760,600	1,200	24,600
State Initial Claims (Wkly Avg.)	7,690	8,356	6,570	-666	1,120
State Insured Unemployment (Wkly Avg.)	41,074	39,683	38,841	1,391	2,233
Insured Unemployment Rate	1.9	2.1	2.1	-0.2	-0.2
Exhaustions (State U.I.)	3,040	2,994	2,552	46	488
Amount of Benefits Paid	$18,533,949	$17,023,397	$16,239,257	$1,510,552	$2,294,692
State U.I.	18,076,939	16,610,571	15,961,025	1,466,368	2,115,914
UCFE	260,150	192,458	150,423	67,692	109,727
UCX	196,860	220,368	127,809	-23,508	69,051

Prepared in cooperation with U.S. Dept. of Labor, Bureau of Labor Statistics.

Kansas City Labor Market Review

The Kansas City Metropolitan Statistical Area (MSA) includes Jackson, Cass, Clay, Lafayette, Platte and Ray counties in Missouri and Johnson, Wyandotte, Leavenworth and Miami counties in Kansas. The 1980 population for the MSA has been published at 1,433,458 persons by the U.S. Bureau of the Census.

August, 1988

Franciena King, Analyst

The Kansas City Area's unemployment rate fell by nearly a whole percentage point over-the-month as nearly eight thousand jobless workers dropped out of the labor force. After climbing from the year's lowest rate of 4.2 in April to the year's highest rate of unemployment in July at 5.8 percent, the total number of unemployed fell from 49,100 jobless in July 1988 to 41,200 in August 1988 for 4.9 percent of the labor force. The major factor contributing to the Area's much lower rate of unemployment in August was the withdrawal of 8,800 workers from the labor force, the vast majority of whom were jobless. A second factor affecting the Area's unemployment situation, however, was a moderate over-the-month increase in civilian employment of approximately 900 persons.

Across the Area's industries, no one industry showed any dominant influence, rather small to moderate growth across mostly Nonmanufacturing industries and stable employment in the Manufacturing sector accounted for the improvement in employment conditions. The Area also fared better in August 1988 compared to year ago figures. The number of unemployed as well as the rate of unemployment was higher in August 1987 than in 1988. Similarly the number of civilian employed persons was higher over the 12-month period. Particularly notable was the increase in Nonagricultural Wage and Salaried jobs of 8,200, mainly in the State and Local Government and Services sector.

Wage and salaried employment in August 1988 was 795,300, up by 600 jobs from the July 1988 total of 794,400. Overall the Manufacturing sector registered little change over-the-month. Within the sector a loss of 300 jobs in the communication equipment component of the Electrical/Electronic Equipment industry accounted for the greatest number of jobs lost. A modest gain of 200 jobs in Machinery Equipment, however, offset these losses and contributed to overall Durable Goods Manufacturing holding steady over the period. Small changes in Food and Kindred, Paper and Allied, Printing and Publishing resulted in a slight drop in the total number of jobs in Nondurable Goods Manufacturing.

Seasonal factors continued to influence employment within the Nonmanufacturing sector. The Construction industry posted a moderate gain of 400 jobs over-the-month, primarily in building construction. School bus transportation registered a moderate increase in jobs and contributed to the Transportation, Communications and Utilities industry posting a gain of 300 jobs over the period. The durable goods component of Wholesale Trade accounted for the sector showing 300 more jobs over-the-month. The only other change within the sector was the loss of 300 jobs in Federal Government, which apparently resulted from additional layoffs in the public finance function of the Federal Government.

Wage and salaried employment increased from 727,900 jobs in August 1987 to 736,100 jobs in August 1988, for a net increase of 8,200 jobs. Employment changes over-the-year showed a diverse pattern. While the Primary Metals industry at 2,200, down by 1,100 jobs from August 1987 levels, hit its all time lowest employment level, Transportation Equipment, despite recent layoffs, showed some improvement over the August 1987 totals with 1,400 more jobs. Similarly, while Fabricated Metals and Electrical/Electronic Equipment Manufacturing posted losses of 300 jobs from a year ago, Printing and Publishing showed gains of 500 more jobs in August 1988 than in 1987 and likewise for Chemicals with 300 more jobs and Paper and Allied with 200 more jobs. Overall Durable Goods Manufacturing posted a net loss of 100 jobs. The broadly scattered small gains in Nondurable Goods Manufacturing accounted for 1,200 additional jobs over-the-period.

With the exceptions of Transportation, Communications and Utilities and Wholesale and Retail Trade all other Nonmanufacturing industries registered significant increases in the number of jobs in August 1988 compared to year ago levels. Layoffs in the airline, trucking and railroad industries accounted for approximately 1,600 jobs lost in the Transportation, Communications and Utilities industry group. Despite employment gains in the communications, transportation services and utilities components of the group, overall losses amounted to 500 jobs. Also in spite of the small but steady growth registered in Wholesale and Retail Trade since February 1988 the industry fell slightly below the 193,800 jobs registered in August 1987. These losses however, were more than offset by a sizeable number of jobs gained in Government and Services. Although almost all components within State and Local Government posted some gains, the most notable increase occurred in municipal government, which alone added 2,500 additional jobs over the period. The Federal Government sector also showed job gains scattered across several functions. Combined State, Local and Federal Government showed a net increase of 3,800 jobs. Fueled by a large rise of approximately 1,500 jobs in business services, the Services industry posted the second largest job gain with 3,200 more jobs over the 12-month ago total. The two remaining industries, Construction and Finance, Insurance and Real Estate each added 400 new jobs over the period. Overall the Nonmanufacturing sector showed a net gain 7,100 jobs. Total unemployment on a place-of-residence basis was 41,200 in August 1988 for 4.9 percent of the labor force, compared to 49,100 in

Table 1. Nonagricultural Wage & Salary Employment
(Place of Work)
(Benchmark — March 1988)

Area and State: Kansas City, Missouri-Kansas — **Month and Year of Current:** August, 1988

Item	Number of Jobs			Net Change To Current Month From:	
	Current Mo.	1 Mo. Ago	1 Yr. Ago	1 Mo. Ago	1 Yr. Ago
I	II	III	IV	V	VI
Total Nonagricultural Wage & Salaried Employment	736,100	735,500	727,900	+600	+8,200
Total Manufacturing	109,500	109,600	108,400	-100	+1,100
Durable Goods	55,700	55,700	55,800	0	-100
Lumber & Furniture	3,400	3,400	3,500	0	-100
Stone, Clay & Glass Products	3,200	3,200	3,300	0	-100
Primary Metal Industries	2,200	2,200	3,300	0	-1,100
Fabricated Metal Products	8,400	8,300	8,700	+100	-300
Machinery Except Electrical	8,100	7,900	8,000	+200	+100
Electrical Equipment & Supplies	17,300	17,600	17,600	-300	-300
Transportation Equipment	9,200	9,300	7,800	-100	+1,400
Motor Vehicles & Equipment	(8,900)	(9,000)	(7,500)	(-100)	(+1,400)
Other Durable Goods	0	0	0	0	0
Nondurable Goods	53,800	53,900	52,600	-100	+1,200
Food & Kindred Products	8,800	8,700	8,700	+100	0
Apparel & Other Textile Products	2,800	2,800	2,800	0	0
Paper & Allied Products	5,800	5,700	5,600	+100	+200
Printing & Publishing	21,200	21,300	20,700	-100	+500
Chemicals & Allied Products	10,100	10,100	9,800	0	+300
Petroleum & Coal Products	500	500	600	0	-100
Other Nondurable Goods	0	0	0	0	0
Total Nonmanufacturing	626,600	625,900	619,500	+700	+7,100
Mining & Quarrying	500	500	500	0	0
Construction	38,700	38,400	38,300	+300	+400
Transportation, Comm. & Utilities	55,400	55,100	55,900	+300	-500
Wholesale & Retail Trade	193,600	193,200	193,800	+400	-200
Wholesale Trade	(59,800)	(59,500)	(59,900)	(+300)	(-100)
Retail Trade	(133,800)	(133,700)	(133,900)	(+100)	(-100)
Finance, Insurance & Real Estate	58,800	58,700	58,400	+100	+400
Services	173,000	173,100	169,800	-100	+3,200
Government	106,600	106,900	102,800	-300	+3,800
Federal Government	(30,800)	(31,100)	(30,400)	(-300)	(+400)
State & Local Government	(75,800)	(75,800)	(72,400)	(0)	(+3,400)
In Labor-Management Disputes	0	0	0	+200	+200

Prepared in cooperation with the U.S. Department of Labor, Bureau of Labor Statistics.

July 1988 for 5.8 percent of the labor force and 47,400 in August 1987 for 5.6 percent of the labor force.

Employment and Unemployment Forecast

The Area's unemployment situation is expected to register substantial improvement in September 1988. The reopening of Area schools will boost employment in State and Local Government as well as in other school related components of Services and Transportation Communications and Utilities. No substantial changes are expected in other industries. Unemployment is expected to be 4.6 percent of the labor force in September 1988, compared to 4.9 percent in August 1988 and 5.1 percent in September 1987.

Employment in the Kansas City Area in October 1988 is expected to show relatively stable conditions. Most of the employment changes in the Area will be related to the continuation of adjustments to the reopening of Area schools and the continued withdrawal of temporary summer workers out of the labor force. Unemployment is expected to be 4.7 percent of the labor force in October 1988, compared to 5.1 percent in October 1987.

Table 2. Production Workers Average Hours and Earnings in Manufacturing

Area and State: Kansas City, Missouri-Kansas * Month and Year of Current Data: August, 1988

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Current Month	1 Mo. Ago	1 Yr. Ago	Current Month	1 Mo. Ago	1 Yr. Ago	Current Month	1 Mo. Ago	1 Yr. Ago
Total Manufacturing	$445.11	$449.03	$436.97	41.1	40.2	40.2	$10.83	$11:17	$10.87
Durable Goods	467.73	475.21	453.66	42.1	39.9	39.9	11.11	11.91	11.37
Lumber & Furniture	371.50	316.01	357.26	42.8	37.8	43.2	8.68	8.36	8.27
Stone, Clay & Glass Products	522.06	557.88	425.91	39.7	42.2	34.1	13.15	13.22	12.49
Primary Metal Industries	431.55	446.60	466.94	35.2	35.9	37.0	12.26	12.44	12.62
Fabricated Metal Products	429.00	424.87	401.94	42.9	41.9	40.6	10.00	10.14	9.90
Machinery Exc. Electrical	456.00	449.36	471.11	43.1	43.5	47.3	10.58	10.33	9.96
Electrical Equip. & Supplies	556.33	525.67	476.41	42.5	41.1	39.8	13.09	12.79	11.97
Transportation Equipment	424.12	563.99	558.56	35.7	35.9	35.6	11.88	15.71	15.69
Motor Vehicles & Equipment	(516.96)	(572.08)	(571.91)	(34.1)	(35.8)	(35.5)	(15.16)	(15.98)	(16.11)
Nondurable Goods	424.51	418.77	417.37	40.2	40.5	40.6	10.56	10.34	10.28
Food & Kindred Products	464.26	445.46	424.20	41.6	41.4	40.4	11.16	10.76	10.50
Apparel & Other Textile Prod.	193.45	231.47	208.95	32.9	36.8	35.0	5.88	6.29	5.97
Paper & Allied Products	415.39	427.85	422.42	42.3	42.7	42.2	9.82	10.02	10.01
Printing & Publishing	405.08	403.39	429.84	38.0	38.9	39.8	10.66	10.37	10.80
Chemicals & Allied Products	597.69	565.97	561.72	43.5	41.8	44.3	13.74	13.54	12.68
Petroleum & Coal Products	437.72	410.50	421.50	41.1	38.4	39.1	10.65	10.69	10.78

* This series excludes industry 2771.

Prepared in cooperation with the U.S. Department of Labor, Bureau of Labor Statistics.

St. Louis Labor Market Review

The St. Louis Area includes the City of St. Louis, and St. Louis, St. Charles, Jefferson and Franklin Counties in Missouri; and Clinton, Madison, Monroe, St. Clair and Jersey Counties in Illinois. The 1980 population for the Area was stated as 2,376,998 persons by the U.S. Bureau of the Census.

August, 1988

Russell Signorino, Analyst

Area Labor Force Developments

The St. Louis MSA unemployment rate continued to increase this summer. The rate rose from 6.4% in July to 6.6% in August. Unemployment was up 800 over the month, even though total employment rose 3,300 from July. The area's unemployment rate has unexpectedly remained above 6.0% all summer. It appears the slower economy and higher interest rates are having a detrimental effect on the local labor market. Although most industrial sectors remain healthy, they have not produced enough new jobs to keep the area's rate below 6.0%. Month to month gains in manufacturing industries have become smaller or disappeared while some nonmanufacturing sectors have been reporting small declines. Over the year, unemployment is down 1,700 and total employment rose 4,300. The unemployment rate in August, 1987 was 6.6%. There were 400 labor disputants in August, 200 in July and 300 in August, 1987.

Manufacturing

Manufacturing employment rose 3,200 over the month. The recall of workers from a model change-over layoff caused a 2,900 increase in motor vehicles. Primary metals rose 300 due to workers returning after a July vacation shut down. Over the year, manufacturing employment rose 900. The largest shut down. Over the year, manufacturing employment rose 900. The largest gains were in aircraft (+2,400), nonelectrical machinery (+900) and other nondurables (+600). Motor vehicles employment is down 4,300 due to the closure of one assembly plant and the long term layoff of a shift of workers at another.

Nonmanufacturing

Nonmanufacturing employment declined 3,900 over the month. Seasonal layoffs of nonteaching school workers caused the 3,200 decrease in state and local government. Construction job totals rose 400, reaching its high point for the year. This industry is expected to begin reporting declines in September due to seasonal factors and higher interest rates slowing home building. Small declines were reported in mining, communications, trade and finance. Over the year, nonmanufacturing employment rose 14,000. Gains continued to be concentrated in services, transportation and trade. Transportation gains are larger than in previous years but services and trade are reporting slower job growth.

Unemployment Rate Outlook

The unemployment rate in September, 1988 is expected to be 6.0%.

Unemployment and Manpower Resources

The industry distribution of Missouri resident claimants is:

Industry	May	June	July	Aug.
Mining	19	22	17	22
Construction	1933	1591	1415	1202
Manufacturing	4645	3544	5170	4227
Public Utilities	433	676	1057	1026
Wholesale & Retail Tr.	2101	1966	2069	2063
Finance	508	495	483	463
Services	4787	5025	5390	5214
All Other	191	212	227	242
TOTAL	14617	13531	15828	14459

The occupational distribution of the intrastate Missouri resident claimant is:

Occupation	May	June	July	Aug.
Prof., Tech. & Mgr.	1113	1102	1108	1082
Clerical	1444	1499	1568	1504
Sales	317	324	308	317
Farm, Fish & Forest	53	55	52	63
Processing	131	120	154	118
Machine Trades	664	567	576	591
Bench Work	643	481	576	570
Structural Work	1590	1226	1218	955
Misc. Work	989	984	1141	1077
Service	1145	1103	1161	1044
INA	6528	6070	7966	7138
TOTAL	14617	13531	15828	14459

Available Job Oppportunties

The occupations percentage distribution of the openings received and filled during fiscal year 1989 by the Missouri State Employment Service is as follows:

Occupational Group	Openings Received Percent	Openings Filled Percent
Professional, Technical & Managerial	7.5	1.0
Clerical	20.5	21.9
Sales	17.1	23.8
Processing	1.6	1.8
Machine Trades	5.6	5.3
Bench Work	5.1	6.4
Structural Work	5.9	4.7
Motor Freight & Trans.	4.1	2.0
Packaging & Material Handling	11.4	16.2
Domestic	0.8	0.3
Other Services	19.0	15.5
Other Occupations	1.4	1.1
TOTAL	100.0	100.0

Table 1. Nonagricultural Wage & Salary Employment
(Place of Work)

Area and State: St. Louis, Mo.-Ill. Met. Area — Month and Year of Current: August, 1988

Item	Number of Jobs			Net Change To Current Month From:	
	Current Mo.	1 Mo. Ago	1 Yr. Ago	1 Mo. Ago	1 Yr. Ago
I	II	III	IV	V	VI
Nonagricultural Wage & Salary, Total	1,139,500	1,140,200	1,124,600	700	+14,900
Percent Change				-(0.1)	+(1.3)
Manufacturing	222,700	219,500	221,800	+3,200	+900
Durable Goods	140,500	137,300	139,800	+3,200	+700
Lumber & Furniture	4,800	4,800	4,800	0	0
Stone, Clay & Glass	3,400	3,500	3,400	-100	0
Primary Metal Industries	-14,600	14,300	14,100	+300	+500
Fabricated Metal Products	17,100	17,100	16,500	0	+600
Machinery, Except Electrical	18,500	18,500	17,600	0	+900
Electrical & Electronic Equip	14,700	14,600	14,500	+100	+200
Transportation Equipment	54,800	52,000	56,600	+2,800	-1,800
Motor Vehicles	16,400	13,500	20,700	+2,900	-4,300
Aircraft & Parts	32,400	32,500	30,000	-100	+2,400
Instruments & Misc. Mfg	12,600	12,500	12,300	+100	+300
Nondurable Goods	82,200	82,200	82,000	0	+200
Food & Kindred Products	21,300	21,300	22,200	0	-900
Meat Products	800	800	800	0	0
Beverages	8,600	8,600	8,800	0	-200
Textiles & Apparel	5,800	5,800	6,000	0	-200
Paper & Paper Products	5,900	5,900	5,900	0	0
Printing & Publishing	17,000	16,900	16,700	+100	+300
Chemical & Allied Products	18,600	18,800	18,200	-200	+400
Petroleum & Coal Products	2,800	2,800	2,900	0	-100
Leather & Leather Products	4,800	4,800	4,700	0	+100
Other Nondurable Goods	6,000	5,900	5,400	+100	+600
Nonmanufacturing	916,800	920,700	902,800	-3,900	+14,000
Mining	3,400	3,500	3,500	-100	-100
Construction	60,400	60,000	59,200	+400	+1,200
Transportation & Public Utilities	74,200	74,300	72,200	-100	+2,000
Railroads	4,900	4,900	5,200	0	-300
Transportation, Except Railroads	40,500	40,500	38,500	0	+2,000
Communications & Public Utilities	28,800	28,900	28,500	-100	+300
Wholesale & Retail Trade	279,500	280,400	277,200	-900	+2,300
Wholesale Trade	69,300	69,500	68,900	-200	+400
Retail Trade	210,200	210,900	208,300	-700	+1,900
Finance, Insurance & Real Estate	74,300	74,700	74,900	-400	-600
Service, Except Domestic	294,600	294,200	288,500	+400	+6,100
Total Government	130,400	133,600	127,300	-3,200	+3,100
Total Federal Government	36,800	36,800	37,600	0	-800
Total State & Local Government	93,600	96,800	89,700	-3,200	+3,900
Persons Involved in Labor-Management Disputes	400	200	300	+200	+100

Prepared in cooperation with the U.S. Department of Labor, Bureau of Labor Statistics

Table 2. Average Hours & Earnings of Production and Related Workers in Manufacturing

Area and State: St. Louis Metropolitan Area — **Month and Year of Current Data:** August, 1988

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Current Month	1 Mo. Ago	1 Yr. Ago	Current Month	1 Mo. Ago	1 Yr. Ago	Current Month	1 Mo. Ago	1 Yr. Ago
Total Manufacturing	$481.85	$476.32	$475.02	40.8	40.4	40.6	$11.81	$11.79	$11.70
Durable Goods	504.30	494.50	494.51	41.0	40.4	40.6	12.30	12.24	12.18
Lumber & Furniture	400.98	356.68	367.69	41.9	37.0	41.5	9.57	9.64	8.86
Stone, Clay & Glass Products	458.50	469.09	461.64	38.4	38.8	39.9	11.94	12.09	11.57
Primary Metal Industries	465.63	495.64	473.30	39.9	41.2	41.3	11.67	12.03	11.46
Fabricated Metal Products	457.32	459.82	465.13	41.2	40.8	42.4	11.10	11.27	10.97
Machinery, Exc. Electrical	472.92	457.06	491.48	42.0	41.4	42.7	11.26	11.04	11.51
Elect & Electronic Equip.	406.02	398.59	389.65	40.2	40.1	39.2	10.10	9.94	9.94
Transportation Equipment	647.70	628.30	598.50	42.5	41.2	39.9	15.24	15.25	15.00
Instruments & Misc. Mfg.	322.30	328.87	314.91	36.5	36.5	37.4	8.83	9.01	8.42
Nondurable Goods	438.06	443.19	436.59	40.3	40.4	40.5	10.87	10.97	10.78
Food & Kindred Products	481.19	490.14	481.47	38.9	39.4	39.4	12.37	12.44	12.22
Textiles & Apparel	231.05	229.22	249.95	36.5	36.5	39.3	6.33	6.28	6.36
Paper & Paper Products	469.91	478.22	505.60	45.8	45.2	46.3	10.26	10.58	10.92
Printing & Publishing	424.40	429.66	403.48	40.0	39.6	38.1	10.61	10.85	10.59
Chemicals & Allied Prods.	544.48	544.54	546.46	41.5	41.6	42.1	13.12	13.09	12.98
Petroleum & Coal Products	700.22	699.56	576.33	44.8	44.7	39.1	15.63	15.65	14.74
Leather & Leather Products	232.12	240.68	263.07	36.1	37.2	43.7	6.43	6.47	6.02
Other Nondurable Goods	0	0	0	0	0	0	0	0	0

Prepared in cooperation with the U.S. Department of Labor, Bureau of Labor Statistics.

Springfield Labor Market Review

(Greene and Christian Counties)

August, 1988

Lloyd Banwart, Analyst

Civilian Labor Force, Employment and Unemployment

After a large increase in July, the Springfield MSA labor force declined 300 to 122,500 in August. This is the net result of a 600 drop in employment and an increase of 300 in the number of unemployed. The rate of unemployment unexpectedly inched upward from 4.0 percent in July to 4.2 percent in August. Currently there are 5,200 persons unemployed, 300 fewer than one year ago when the rate of unemployment stood at 5.0 percent.

Nonagricultural Wage & Salary Employment

Nonagricultural wage and salaried employment, estimated at 111,400, rose 1,200 from July. Industries recording changes in employment levels during the 30 days are durable goods manufacturing (+300), construction (+200), trade (+200) and services (+500).

Over the past year, the number of payrolled jobs have increased by 5,100. Manufacturing industries accounted for 900 of the gain while the nonmanufacturing group rose by 4,200.

Hours and Earnings

Average hourly earnings of manufacturing production and related workers dropped 5 cents from July to $8.52 in August. The average work week fell from 41.1 in July to 40.0 in August.

During August 1987, hourly earnings averaged $8.54 and the average factory work week came to 39.4 hours.

Employment and Unemployment Outlook

Payrolled employment will increase seasonally in September in response to the fall school term.

The rate of unemployment is expected to show a slight drop in September. This will result from increased school employment and the withdrawal of students from the job market.

Table 1. Nonagricultural Wage & Salary Employment

(Place of Work)

Area and State: Springfield, Missouri — Month and Year of Current: August, 1988

Item	Number of Jobs			Net Change To Current Month From	
	Current Mo.	1 Mo. Ago	1 Yr. Ago	1 Mo. Ago	1 Yr. Ago
I	II	III	IV	V	VI
Total Nonag. Wage & Salary, Employment (Exc. Domestics)	111,400	110,200	106,300	+1,200	+5,100
Manufacturing	21,800	21,500	20,900	+300	+900
Durable Goods	12,300	12,000	11,600	+300	+700
Lumber & Wood (Inc. Furn.)	1,200	1,100	1,100	+100	+100
Other Durable Goods	11,100	10,900	10,500	+200	+600
Nondurable Goods	9,500	9,500	9,300	0	+200
Food Processing	3,900	3,900	4,000	0	-100
Printing & Publishing	1,700	1,700	1,800	0	-100
Other Nondurable Goods	3,900	3,900	3,500	0	+400
Nonmanufacturing	89,600	88,700	85,400	+900	+4,200
Mining	100	100	100	0	0
Construction	6,200	6,000	5,500	+200	+700
Transportation & Utilities	7,300	7,300	7,000	0	+700
Trade	31,700	31,500	30,500	+200	+1,200
Finance, Insurance & Real Estate	4,700	4,700	4,800	0	-100
Services	27,900	27,400	26,700	+500	+1,200
Government	11,700	11,700	10,800	0	+900
Federal	1,900	1,900	1,800	0	+100
State and Local	9,800	9,800	9,000	0	+800
Persons Involved in Labor-Management Disputes	0	0	0	0	0

Prepared in cooperation with the U.S. Dept. of Labor, Bureau of Labor Statistics.

Table 2. Gross Average Hours and Earnings for Production and Related Workers in Manufacturing Industries

Area and State: Springfield, Missouri **Month and Year of Current Data: August, 1988**

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Current Month	1 Mo. Ago	1 Yr. Ago	Current Month	1 Mo. Ago	1 Yr. Ago	Current Month	1 Mo. Ago	1 Yr. Ago
Total Manufacturing	$340.80	$352.23	$336.48	40.0	41.1	39.4	$8.52	$8.57	$8.54
Durable Goods	324.66	343.61	333.52	39.4	41.2	39.8	8.24	8.34	8.38
Nondurable Goods	366.06	365.24	340.17	40.9	40.9	38.7	8.95	8.93	8.79
Food & Kindred Products	355.42	354.37	354.20	39.1	39.2	38.5	9.09	9.04	9.20
Other Nondurable Goods	0	0	0	0	0	0	0	0	0

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